

Claims

What is claimed:

1. A tray assembly adapted for engagement within an automotive cup holder cavity
5 comprising: a holder extending downwardly from a tray plane, a holder cavity formed by an exterior wall and a bottom, a crushable extension extending outwardly from and of unitary construction with the exterior wall, and a tray extending outwardly in the tray plane.
2. The tray assembly of claim 1 wherein the crushable extension engages the automotive
10 cup holder cavity when the holder is inserted therein.
3. The tray assembly of claim 1 wherein the tray comprises a first tray and a second tray disposed to form an interior angle less than 180 degrees in the tray plane.
- 15 4. The tray assembly of claim 1 wherein the crushable insert forms a part of a tray support and is of unitary construction with the tray.
5. A tray assembly insert for an automotive cup-holder comprising: a holder of generally circular cross-section configured to be disposed vertically inside the automotive cup-holder and
20 defining a first cavity adapted to receive a cup, a first tray projecting laterally from the holder and defining a second cavity, a second tray projecting laterally from the holder and defining a third cavity, a crushable extension of unitary construction with an exterior wall of the holder that extends outwardly from the exterior wall of the holder and downwardly from a tray plane to a

holder bottom; wherein the first tray, the second tray and a top of the holder are in the tray plane and the holder bottom is located beneath the tray plane at a sufficient distance to allow insertion of a cup into the holder.

5 6. The tray assembly of claim 4 wherein the first tray and the second tray are disposed asymmetrically so that the first tray and the second tray can be placed in proximity to a person or object without impeding the operation of the tray.

7. A tray assembly insert for an automotive cup-holder comprising: a holder of generally
10 circular cross-section configured to be disposed vertically inside the automotive cup-holder and defining a first cavity adapted to receive a cup, a first tray projecting laterally from the holder and defining a second cavity, a second tray projecting laterally from the holder and defining a third cavity, a crushable extension of unitary construction with and extending outwardly from an exterior wall of the holder and also extending downwardly from a tray plane to a bottom of the
15 holder, a circumferential support extending downwardly from the holder, the first tray, and the second tray and disposed at a perimeter of the tray plane formed by the holder, the first tray and the second tray, a left inner support concentric with a top of the holder cavity, a right inner support concentric with the top of the holder cavity; wherein the left inner support and the right inner support extend upwardly from the tray plane and are of unitary construction with the
20 holder, the first tray and the second tray; and wherein the first tray, the second tray and a top of the holder are in the tray plane so that a exterior wall of the holder extends downwardly from the tray plane; wherein the first tray and the second tray form an interior angle less than 180

degrees; and wherein the crushable extension engages the automotive cup holder cavity when the holder is inserted therein.

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